

# IASW AUTOMATIC PNEUMATIC SLEEVE WRAPPER



**RBS** EQUIPMENT DESIGNS LIMITED - PICKERING, ONTARIO, CANADA

## GENERAL DESCRIPTION

The IASW 30 & 40 machines are fully automatic sleeve wrapping machines. They are built on a tubular steel frame with complete panelling and guards for maximum safety.

The infeed conveyor allows the product to be fed manually or automatically from the customer's conveyor system. The product then travels forward to a position where it is detected. When the rear of the product is sensed and the correct spacing has been obtained, the PLC will stop the conveyor. The sealing cycle is then activated automatically. After the seal has been made and the sealing head is opening, both conveyors will start up moving the package down the discharge conveyor to provide room for the next package.

The sealing head is pneumatically operated. Infeed and Discharge conveyors are D.C. variable speed. The sealing head employs a safety system which stops the cycle if any obstruction is encountered before the head is fully closed. The open height of the head can be adjusted to suit various package heights. Both the speed and the length of run of the conveyors can be controlled. This feature allows unstable packages to be handled with relative ease.

Both the upper and lower film systems are power assisted and can be adjusted to increase or decrease the required film web tension. In addition, both drives are surface unwind and the speed of each can be controlled independently.

Speeds of up to 24 packages per minute can be achieved. However, normal speeds would be 18-20 per minute.

The machine is supplied with four levelling feet which can be adjusted to provide a discharge conveyor height of between 37-40 inches.

***Distributed By:***

## SPECIFICATIONS

### Sealing Head

Opening	15 inches.
Film Size length.	12" diameter X 30" or 40" length.
Seal Head	Hot knife Teflon coated with digital temperature controlled heating system.

### Safety Features

A safety circuit will cause the sealing head to return to the open position if any obstruction is encountered during the down stroke.

### Options

Extended infeed and discharge conveyors.  
Increased jaw opening.  
Print registration.

### Electrical

Control functions are provided by a programmable controller. The sealing head temperature is maintained by a digital temperature controller.

All units are ESA approved by special inspection.

### Compressed Air

75 PSI @ 3 CFM.

### Power Requirements

120/208 Volt Single Phase 3 Wire 15 Amps 60 Hertz.

### Overall Dimensions

#### IASW 30

Approximately 54" wide 86" long and 70" high.

#### IASW 40

Approximately 64" wide 86" long and 70" high.